

NAVDEEP SINGH

singhnavdeep11461@gmail.com

+91-9464341849

Chandigarh, India

[Linkedin.com/in/navdeep-singh-ab58831a9](https://www.linkedin.com/in/navdeep-singh-ab58831a9)



SUMMARY

Working for Escorts Limited as Assistant Manager in R&D Transmission Design with 4years of experience working with KISSsoft & KISSsys for transmission design & analysis, 2D drawing & 3D modeling with required GD&T using Ug-Nx & AutoCAD. Aiming to use my knowledge & skills to effectively fill the managerial role in your organization. Possesses a bachelor's degree in Mechanical Engineering.

WORK EXPERIENCE

Escorts Limited

February 2020 – Present

Assistant Manager

- Working in Transmission & Hydraulics Design (R&D).
- Gear Tooth Geometry & Strength, Shaft strength and Bearing life analysis & calculation on KISSsoft & KISSsys Software.
- Loaded Tooth Contact Analysis & micro-geometry optimization.
- Design Failure mode and effect analysis (DFMEA).
- Transmission Analysis using KISSsoft & KISSsys Software.
- Failure Analysis & Solution Synthesis.
- 2D drawing & 3D modeling of gears, shafts, splines, etc., using UG-Nx on Teamcenter and AutoCAD considering proper GD&T.
- Maintain database for transmission variants, gears, shafts, bearings, splines, analysis reports, etc.
- Develop technical reports required to direct and guide drafters plus designers.
- End to end new projects, existing projects delivery within given TAT.

Kadkraft Systems Pvt. Ltd.

November 2019 – February 2020

Sr. Application Engineer - KISSsoft

November 2017 – November 2019

Application Engineer – KISSsoft

- Worked on KISSsoft & KISSsys Software.
- Provided training & support for software and design/analysis related issues.
- Awarded as Customer Champion Award for on-time support and training (both Online & Onsite) to KISSsoft users pan India.
- Worked on projects related to Gear Strength Analysis, Loaded tooth contact analysis, bearing life analysis for both automotive and industrial gearbox companies.

WORK EXPERIENCE

Sigma Freudenberg NOK Pvt. Ltd

January 2016 – February 2017

- Worked as a GET in the Production Department.

TECHNICAL SKILLS

- ✓ KISSsoft & KISSsys Software
- ✓ UG-NX (2D & 3D)
- ✓ AutoCAD Software
- ✓ MS-Office

LANGUAGES KNOWN

- ✓ English
- ✓ Hindi
- ✓ Punjabi

EDUCATION

- ✓ B-Tech Mechanical (2011-2015)
- ✓ Non-Medical (2009-2011) (C.B.S.E)
- ✓ 10th (2009) (C.B.S.E.)

INTEREST



Gym & Fitness



Bike Riding / Travelling



Photography